

Application No. 10/024,244
Art Unit 1713
November 15, 2004
Reply to Office Action of July 15, 2004

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application.

LISTING OF CLAIMS:

1-5. (Canceled)

6. (Previously Presented) An adhesive comprising:

a random copolymer of units derived from a straight chain α -olefin having 3 to 20 carbon atoms and units derived from a vinyl compound (I) represented by the general formula $\text{CH}_2=\text{CH}-\text{R}$, as an effective ingredient,

wherein R in said general formula is a hydrocarbon group, the steric parameter of Es of the substituent R is -1.64 or less, and the steric parameter of B1 of the substituent R is 1.53 or more,

wherein said copolymer contains the unit derived from the vinyl compound (I) of 1 to 80 mol% based on the total amounts of the vinyl compound (I) and the straight chain α -olefin having 3 to 20 carbon atoms in the copolymer of 100 mol%, and the weight average molecular weight of the copolymer is 1,000 to 1,000,000; and

a solvent selected from the group consisting of water, aromatic hydrocarbons, aliphatic hydrocarbons, ketones and alcohols wherein the

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solvent is used in an amount of 150 to 3000 parts by weight per 100 parts by weight of the copolymer.

7. **(Previously Presented)** The adhesive according to claim 6, wherein the carbon atom at the 3-position of the vinyl compound (I) is a tertiary or quaternary carbon atom.

8. **(Previously Presented)** The adhesive according to claim 6, wherein the vinyl compound (I) has no branched structure in the carbons except the carbon at the 3-position.

9. **(Previously Presented)** The adhesive according to claim 6, wherein the substituent R in the vinyl compound (I) has a cyclic structure.

10-13. **(Canceled)**

14. **(Previously Presented)** The adhesive according to claim 6, wherein the straight chain α -olefin having 3 to 20 carbon atoms is propylene.

15-18. **(Canceled)**

Application No. 10/024,244

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19. (**Currently Amended**) The ~~random copolymer~~ adhesive according to claim 6, wherein the straight chain α -olefin having 3 to 20 carbon atoms is propylene and the vinyl compound (I) is vinyl cyclohexane.